

BOTHNIA





Nos 560-1-2-3

Profile & Decks

COPY

J L THOMPSON & SONS

NO 560 - S/S - BOSNIA

SUNDERLAND RPT. NO. 29682

CATALINA S. EX THEO \* EX NO 561 - S/S - BACTRIA

SUNDERLAND RPT. NO.

NO 562 - S/S - BOTHNIA

SUNDERLAND RPT. NO.

NO 563 - S/S - BANTRIA

SUNDERLAND RPT. NO. 29765.

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Foundation

PLANS TRANSFERRED  
TO SISTER VESSEL

\* Captain Manolis M/K

Dis Dec 596

M/K 3336

\* M/M 3336

00333-00334-0-0074



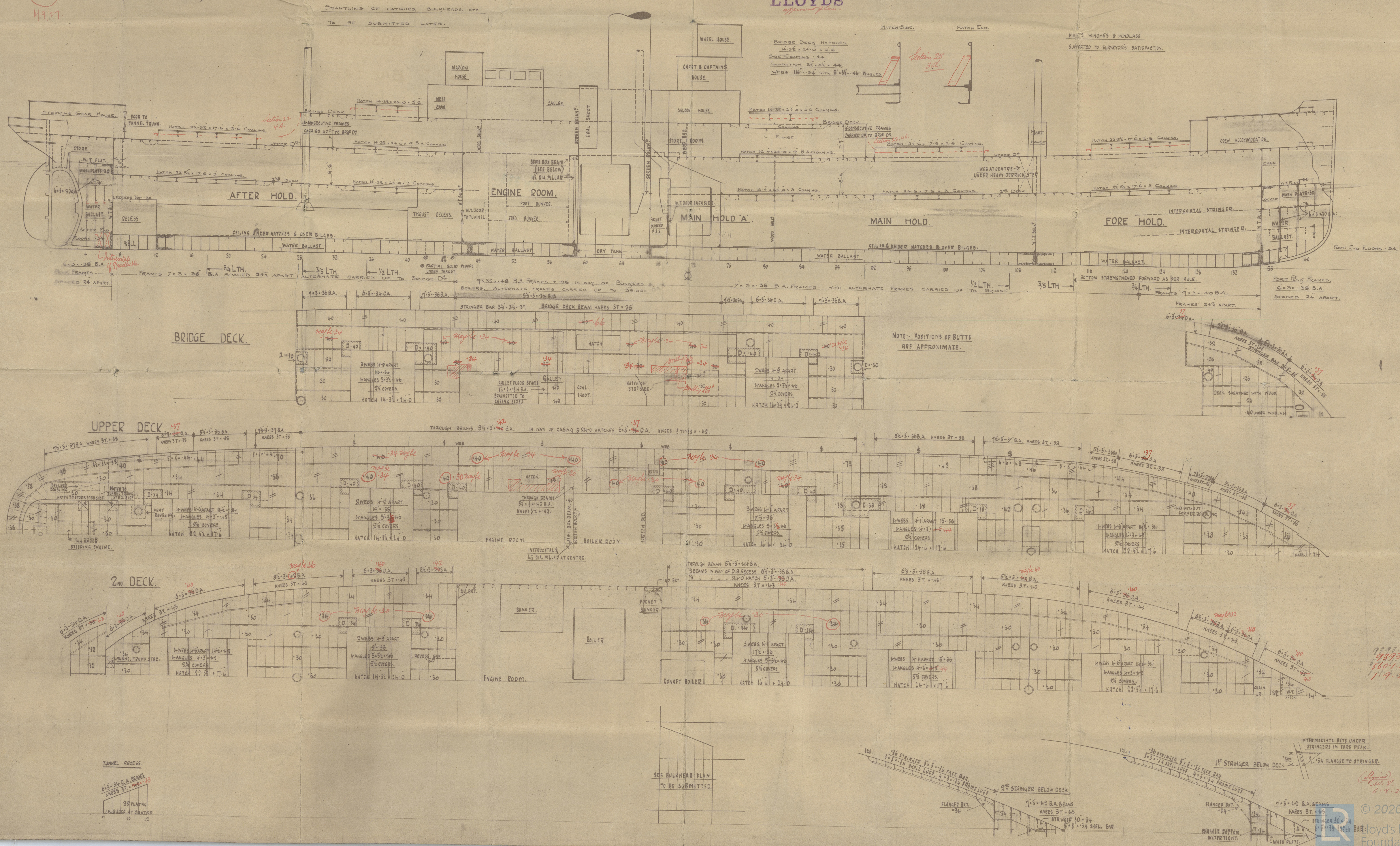
SS. Nos 560-1-2-3.  
PROFILE & DECK PLAN.

292'0 L.B.P. x 45'0 B.P. EXT x 22'6 DEPTH M.D.

SCALE 1/8" = 1 FOOT.

LLOYDS  
approved plan.

SCANTLING OF HATCHES, BULKHEADS, ETC.  
TO BE SUBMITTED LATER.



NOTE: POSITIONS OF BUTTS  
ARE APPROXIMATE.

560-1-2-3  
119-27

6-9-27

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SUNDERLAND.

JOS. L. THOMPSON & SONS, LD.

S. S. No. 562

S. S. "BOTHNIA"

PROFILE & DECKS.  
(AS BUILT).

SUNDERLAND RPT. NO. 29735



008597-008607-0032



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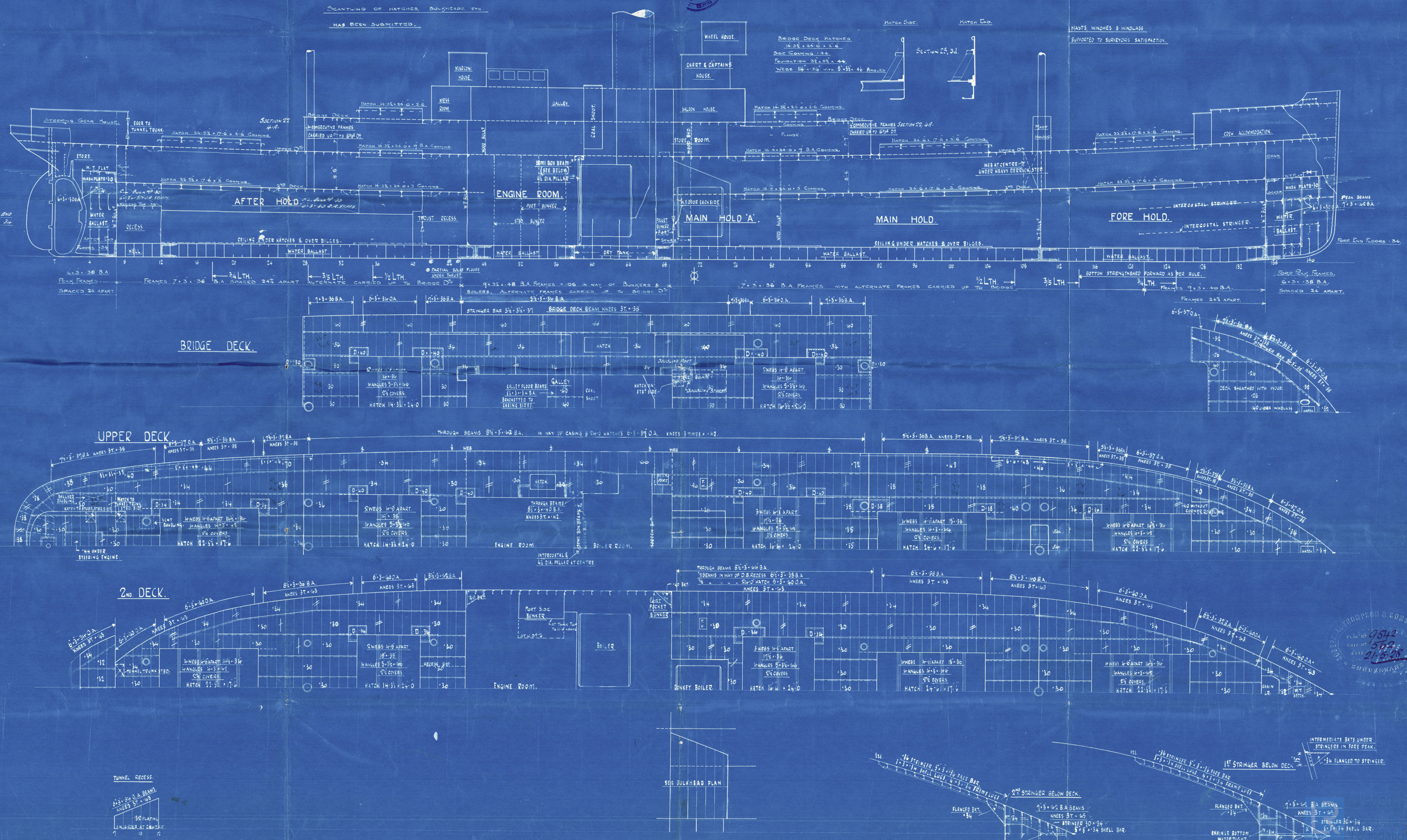
# S.S. "BOTHNIA"

## PROFILE & DECK PLAN.

292' 0" L.B.P. x 45' 0" B.P. ST. x 23' 6" DEPTH Y.L.D.

SCALE 3" = 1 FOOT.

SCANTLING OF HATCHES, BULGHEADS, ETC.  
HAS BEEN SUBMITTED.



9542  
562  
21.8.28  
SHEPHERD & SONS, LTD.  
SHEPHERD & SONS, LTD.  
SHEPHERD & SONS, LTD.

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N° 560-1-2-3

MIDSHIP SECTION

COPY OF

**LLOYDS**

APPROVED PLAN.

COPY

J. L. THOMPSON & SONS

No. 560. - s/s "BOSNIA"

SUNDERLAND TPT. NO. 29682

No. 561. - s/s \* BACTRIA  
IN THEO

SUNDERLAND TPT. NO.

No. 562. - s/s "BOTHNIA"  
IN "EMILY"

SUNDERLAND TPT. NO.

No. 563. - s/s BANTRIA

SUNDERLAND TPT. NO. 29764.

PLANS TRANSFERRED <sup>M/M 3336</sup>  
TO SISTER VESSEL

*Leaflet transfer*

**LLOYDS**



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Lloyd's Register  
Foundation

003333-003340-0075



Lloyds  
Stamp  
6.9.27

PRINCIPAL DIMENSIONS.

|                              |        |
|------------------------------|--------|
| LENGTH B.P.                  | 292'0" |
| BREADTH EXTREME              | 45'0"  |
| " MOULDED                    | 44'6"  |
| DEPTH MID UPPER DK.          | 22'6"  |
| DEPTHS TO LENGTH (UPPER DK.) | 12'98" |
| " " (BRIDGE)                 | 9'65"  |

MIDSHIP SECTION.  
S.S. Nos 560.1.2.3.  
LLOYDS 100 A.I. CLASS.  
Scale 1/2" = 1 FOOT.

LLOYDS

Controlled by Lloyds.

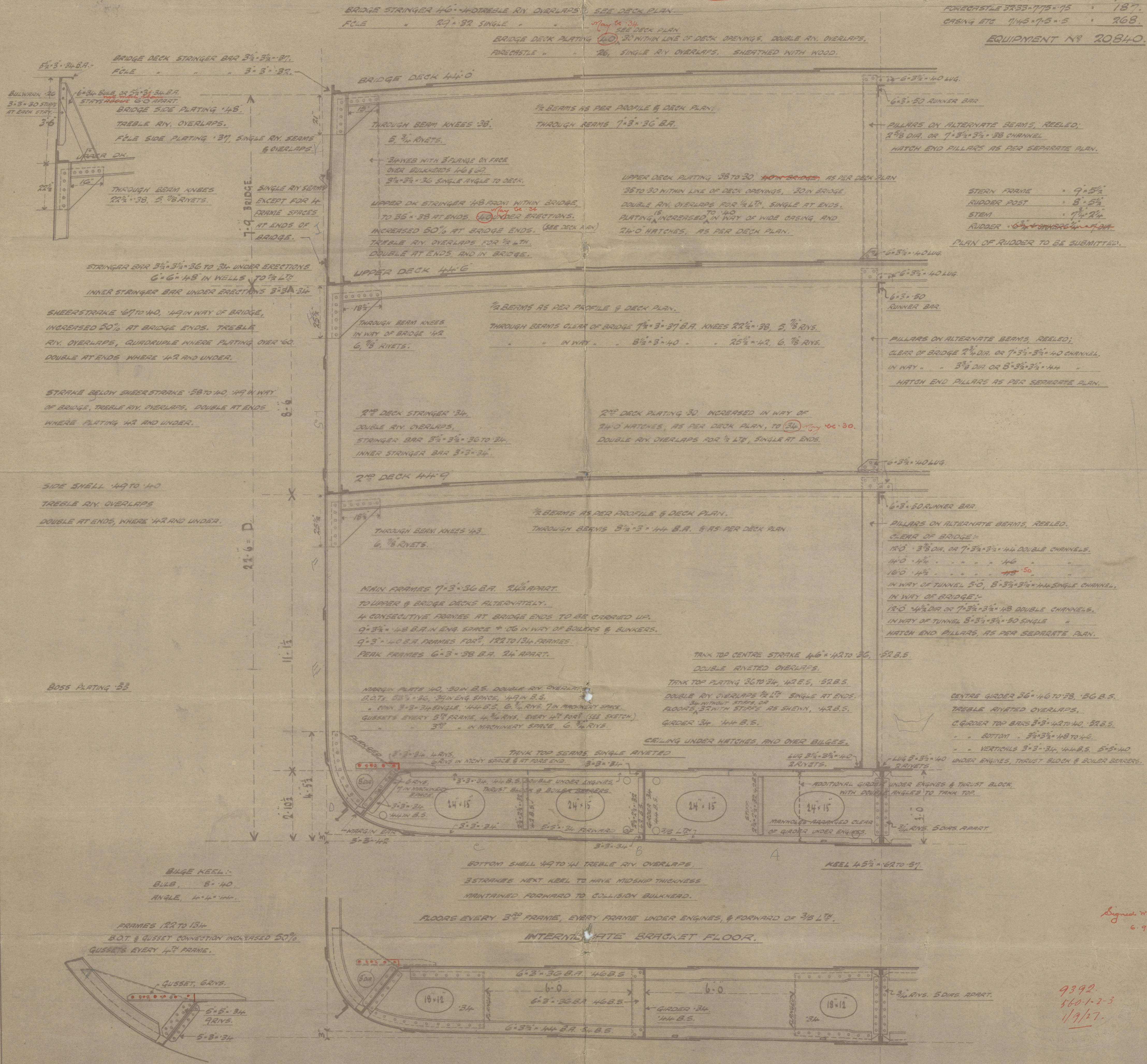
NUMERALS.

|                         |          |
|-------------------------|----------|
| D. 22.5                 | d. 11.2  |
| D.L. (22.5 x 292)       | 6570.    |
| (B+D) x L (44'5" x 292) | 19637.   |
| ERECTOR'S               | 55% OF L |

EQUIPMENT NUMERALS.

|                               |        |
|-------------------------------|--------|
| (B+D) x L                     | 19637. |
| BRIDGE 18.62 x 7.75 x 7.5     | 74.8.  |
| FORECASTLE 38.33 x 7.75 x 7.5 | 187.   |
| CASING ETC 7.45 x 7.5 x 5     | 268.   |

EQUIPMENT No 20840.



Signed W.T.  
6.9.27

9392.  
560.1.2.3  
1/9/27.



SUNDERLAND

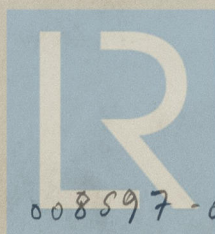
JOS. L. THOMPSON & SONS, LD.

S. S. No. 562

S. S. "BOTHNIA"

MIDSHIP. SECTION  
(AS BUILT).

SUNDERLAND RPT. NO. 29435



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008597-008607-0029



scale  $\frac{1}{2}$  - 1 Foot.



|                              |   |        |
|------------------------------|---|--------|
| LENGTH B.P.                  | : | 222'0" |
| BREADTH EXTREME.             | : | 46'0"  |
| " MOUNDED.                   | : | 44'9"  |
| DEPTH MID WATER DK.          | : | 22'6"  |
| DEPTHS TO LENGTH (WATER DK.) | : | 12.98  |
| " " " (BRIDGE)               | : | 9.65   |

$$\begin{aligned} D \cdot 22.5' & \quad 2 \cdot 11.25' \\ D \cdot L &= (22.5 \cdot 22.2) = 6570. \\ (B+D) \cdot L &= (44.75 + 22.5) \cdot 22.2 = 19637. \\ \text{ERECTIONS} &= 55\% \text{ OF } L \end{aligned}$$

|                               |          |
|-------------------------------|----------|
| (B+D) x L                     | = 19637. |
| BRIDGE 18.62 x 7.75 x .75     | = 748.   |
| FOURCASTLE 23.25 x 7.75 x .75 | = 164.   |
| CASING ETC 7.45 x 7.5 x .5    | = 268.   |

EQUIPMENT № 20817.

PLAY NO 9542 937

DATE 21-5-28

008597 - 008607 - 0029



Sunderland

J. L. Thompson & Son.

Nos 560-1-2-3.

Pumping Arrangement.

N<sup>o</sup> 560-s.s. "BOSNIA"

SUNDERLAND RPT. NO. 29682

N<sup>o</sup> 561-s.s. BACTRIA

Wm Theo

N<sup>o</sup> 562-s.s. "BOTHNIA"

N<sup>o</sup> 563-s.s. BANTRIA

SUNDERLAND RPT. NO. 29764

- COPY. -

PLANS TRANSFERRED  
TO SISTER VESSEL

Capetan Manolis

M/M 8597

00 8597 - 008607 - 0030

Lloyds Register  
Foundation



# PUMPING ARRANGEMENT

S.S. N° 560-1-2 & 3.

SCALE = 1/8" = 1 FT.

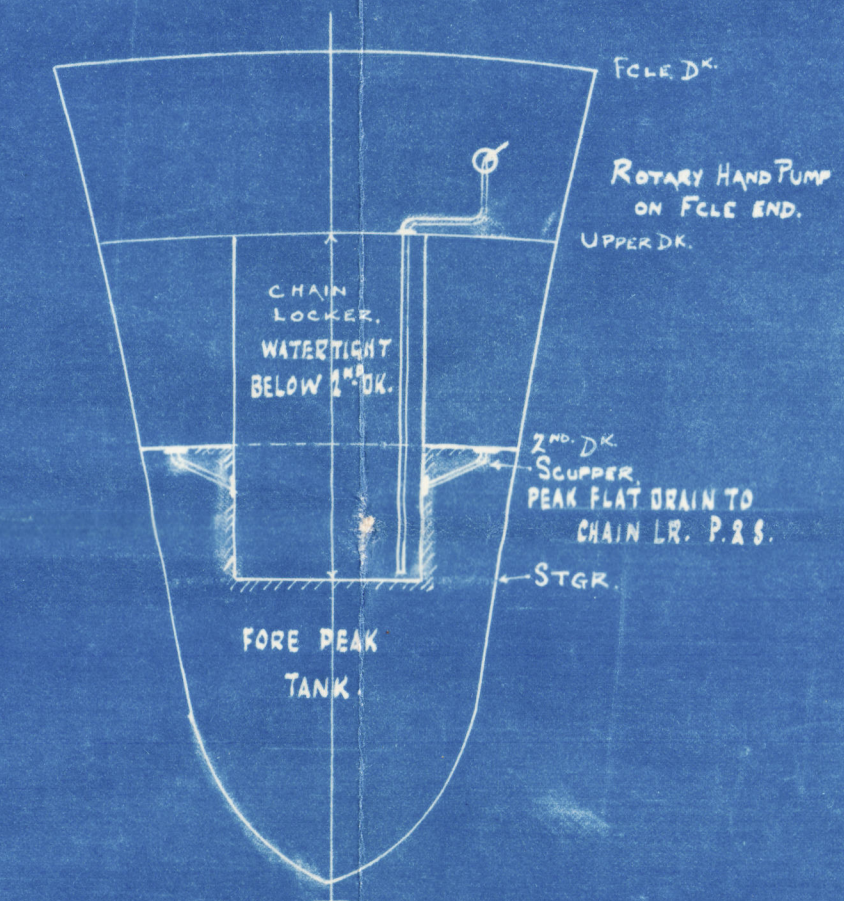
292' 0" LBP. 45' 0" 1<sup>st</sup> FWT. 22' 6" 2<sup>nd</sup> MFD.

*Corrected Lloyd's*

ALL SUCTION PIPES IN TANKS TO BE OF CAST-IRON, WITH FLANGED JOINTS SECURELY FASTENED, AND TO HAVE CAST-IRON ROSEBOXES AT THE END OF THE PIPES.

AIR PIPES TO HAVE GOOSENECK TOPS & SOUNDING PIPES TO HAVE BRASS PIPE FITTED HEAVILY FITTED INTO DECK, & CAPPED IN WITH WOOD IN THE HOLD.

FORE & AFTER PEAKS ARRANGED TO CARRY WATER BALLAST. TO HAVE THE NECESSARY AIR & SOUNDING PIPES & TO BE PUMPED OUT & UP BY CONNECTION TO THE TANK SECTION.  
A ROTARY HAND PUMP TO BE FITTED TO EACH LOCKER.



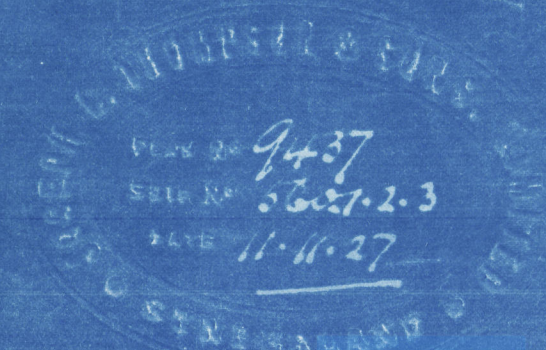
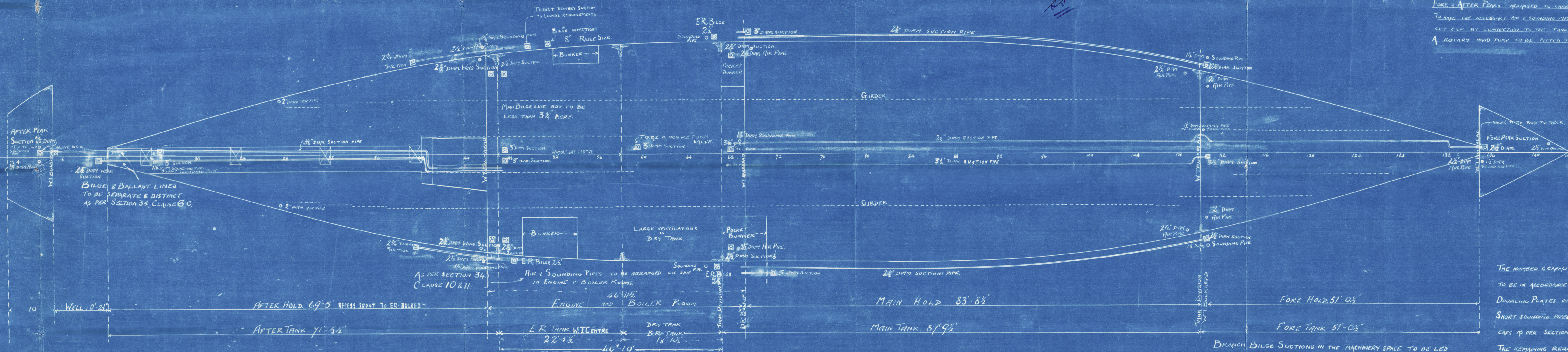
THE NUMBER & CAPACITY OF THE POWER DRIVEN PUMPS CONNECTED TO THE MAIN BILGE LINE TO BE IN ACCORDANCE WITH SECTION 4 OF THE RULES FOR ENGINES AND BOILERS.

DOUBLING PLATES OR THEIR EQUIVALENT TO BE FITTED UNDER ALL SOUNDING PIPES.

SHORT SOUNDING PIPES IN MACHINERY SPACE TO BE FITTED WITH NON-DETACHABLE SCREW CAPS AS PER SECTION 34, CLAUSE 11.

THE REMAINING REQUIREMENTS OF SECTION 34 OF THE RULES (1917-24) TO BE COMPLIED WITH.

BRANCH BILGE SUCTIONS IN THE MACHINERY SPACE TO BE LED FROM MUD-BOXES FITTED WITH STRAIGHT TAIL PIPES AS PER SECTION 34, CLAUSE 6 G.





560. 1. 2. 3.

Rudder Plan.

Copy of

**LLOYDS**

Approved plan.

J. L. Thompson & Sons.

No. 560. - 8/s "BOSNIA"

SUNDERLAND RPT. NO. 29682

No. 561. - "BACTRIA" \*

SUNDERLAND RPT. NO.

No. 562. - "BOTHNIA"

SUNDERLAND RPT. NO.

No. 563. - "BANTRIA"

SUNDERLAND RPT. NO. 29764.

**PLANS TRANSFERRED  
TO SISTER VESSEL**

*Capetan*

*N/W manolis \**

*M/M 8597*

**R**

Lloyd's Register

008597 - 008607 - 0031



2-11-27.

Copy of  
LLOYDS

Approved & laid

$$\left. \begin{array}{l} \text{A. } 74 \times \text{D. } 2.71 = 200.5 \\ \text{SPEED} \parallel \text{KNOTS} \end{array} \right\} = 6\frac{3}{4} \text{ RULE DIA.}$$

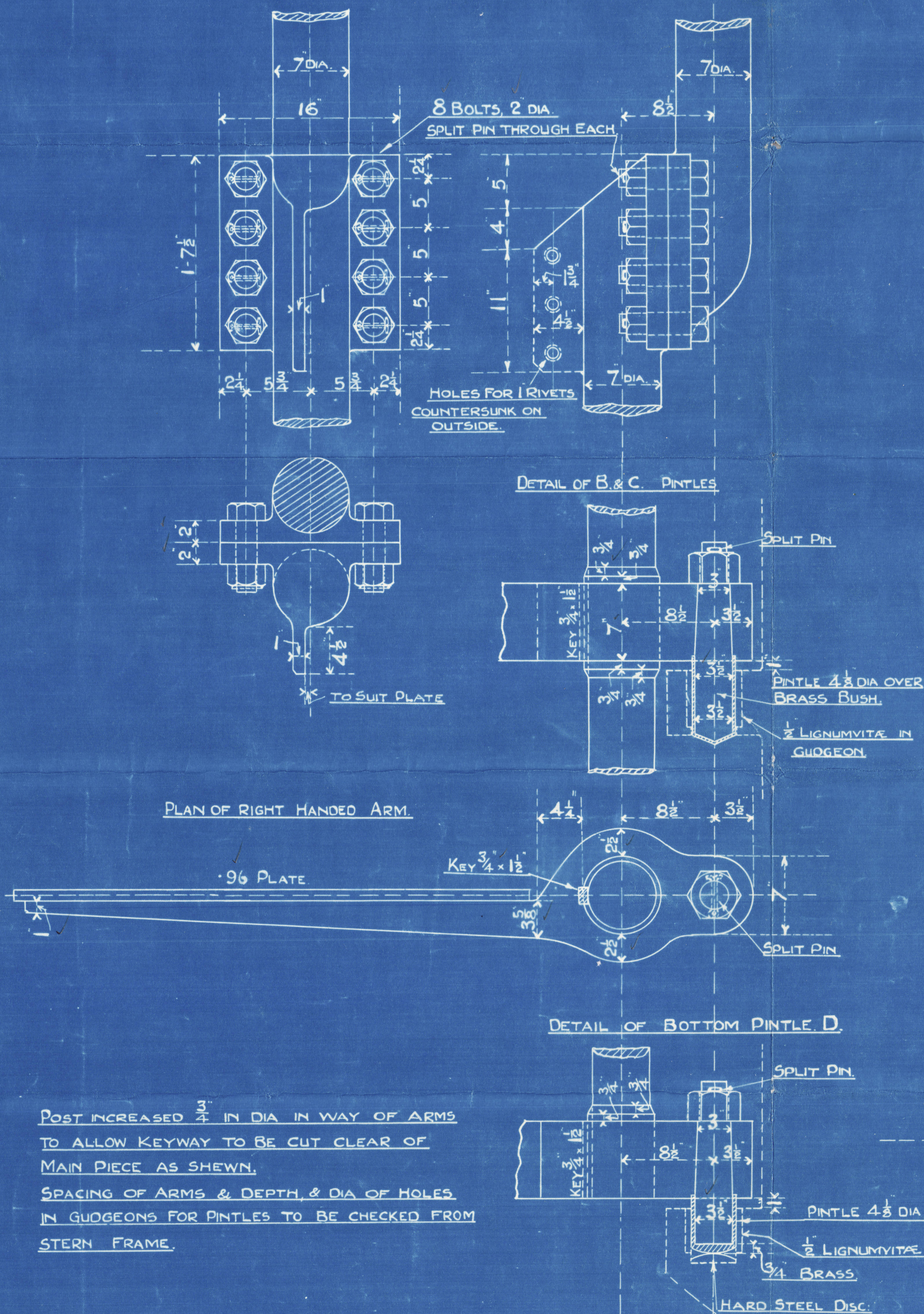
$$+ \frac{1}{4} \text{ OWNERS} = 7 \text{ DIA.}$$

INCREASE ON FORGING ONLY.

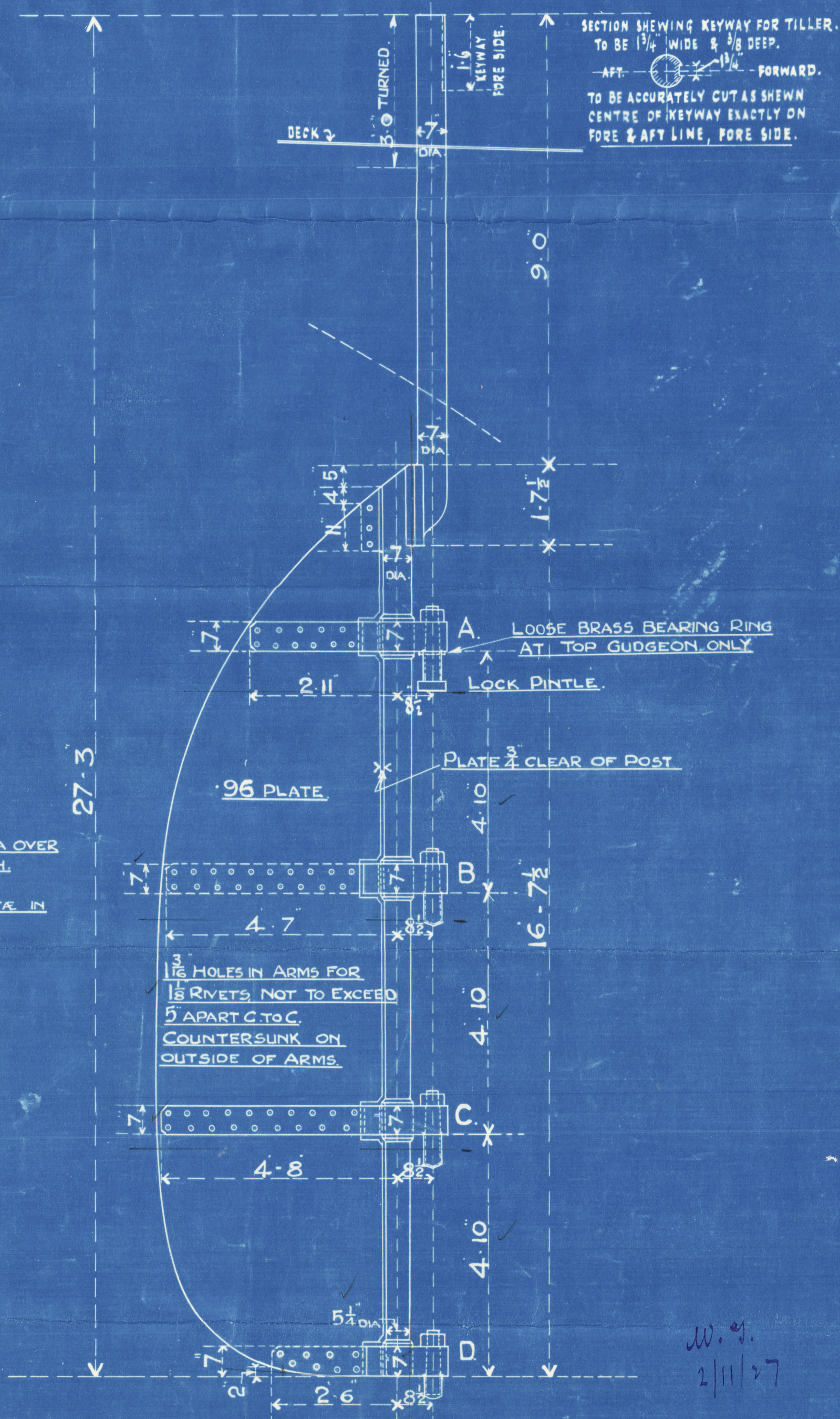
### DETAIL OF COUPLING


SCALE  $\frac{1}{2}'' = 1 \text{ FOOT.}$

RUDDER:- SCALE  $\frac{1}{2}'' = 1$  FOOT.



SPACING OF ARMS & DEPTH, & DIA OF HOLES  
IN GUDGEONS FOR PINTLES TO BE CHECKED FROM  
STERN FRAME.



SECTION SHEWING KEYWAY FOR TILLER.  
TO BE  $1\frac{3}{4}$ " WIDE &  $\frac{3}{8}$ " DEEP.  
AFT.  FORWARD.  
TO BE ACCURATELY CUT AS SHOWN  
CENTRE OF KEYWAY EXACTLY ON  
FORE & AFT LINE, FORE SIDE.

W. J.  
2 | 11 | 2

9430.

31.10.27.

008597-008607-0031